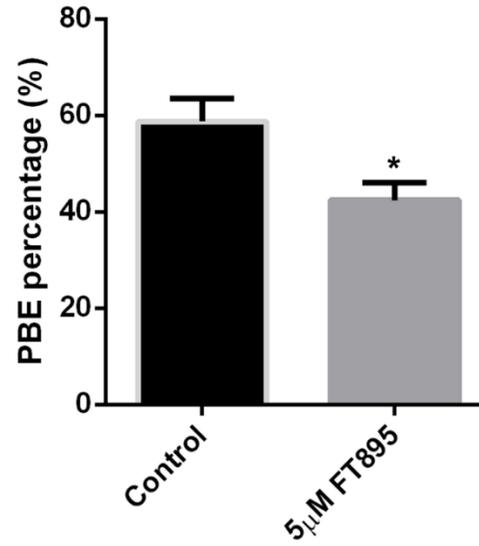
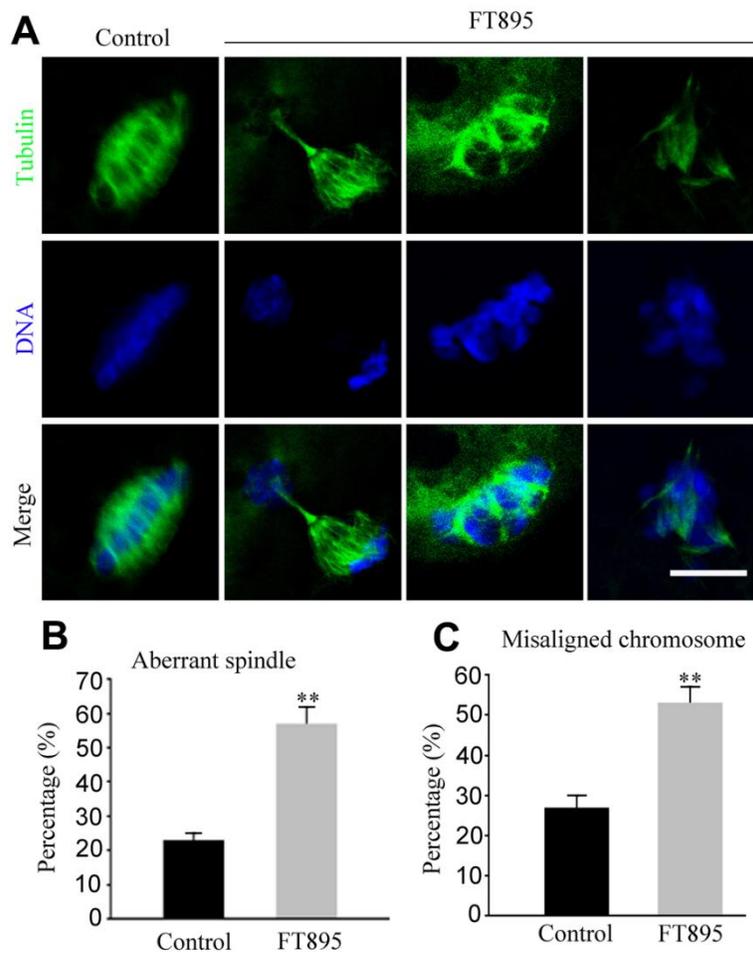


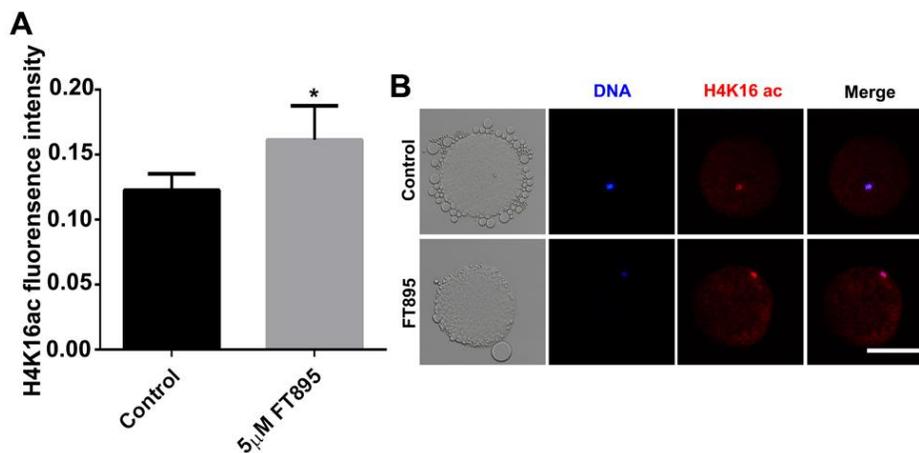
SUPPLEMENTARY FIGURES



Supplementary Figure 1. The rate of first polar body extrusion (PBE) in control and FT895 treated groups after culture for 44 h *in vitro*. The results represent the mean \pm standard deviation of three independent experiments. * P < 0.05.



Supplementary Figure 2. (A) Images of spindle morphologies and chromosome alignment in control and FT895 treated oocytes, Scale bar, 5 μ m. (B) The proportion of abnormal spindles was recorded in control and FT895 treated oocytes. (C) The proportion of misaligned chromosomes was recorded in control and FT895 treated oocytes. Data were presented as mean percentage (mean \pm SEM) of at least three independent experiments. ** $P < 0.01$.



Supplementary Figure 3. (A) The fluorescence intensity of H4K16 acetylation in control and FT895 treated oocytes. (B) Images of acetylated H4K16 in control and FT895 treated oocytes at MII stages, Scale bar, 100 μ m. The results represent the mean \pm standard deviation of three independent experiments. * $P < 0.05$.